

SUPER Fact Sheet

HARBOR ISLAND SUPERFUND SITE Seattle, Washington



U.S. ENVIRONMENTAL PROTECTION AGENCY

August 2003

Major Cleanup of Shipyard Sediment Has Begun!

Lockheed Martin Corporation has begun cleaning up contaminated sediment next to its former shipyard on the west side of Harbor Island. Todd Pacific Shipyards is preparing to install a new pollution control system and clean up contaminated sediment next to its shipyard on the northwest corner of the island. The U.S. EPA is overseeing all cleanup activities. The cleanup will create a healthy environment for creatures that live in the sediment.

What's Happening at Lockheed?

- Bulkheads are being replaced to stabilize the shoreline and protect the cleanup.
- Four piers, including 7000 piles, are being removed. Removal is expected to be completed in October 2003.
- Dredging of up to 130,000 cubic yards of contaminated sediment will begin after demolition is completed. The sediment will go to an approved upland landfill.
- Contaminated sediment that is too deep to safely dredge will be capped to protect the marine environment from contamination.
- EPA expects all work to be finished by February 2004.

Public Meeting Offered

Would you like to meet to hear and ask questions about the cleanup of Lockheed and Todd Shipyard sediment?

If so, please contact
Cindy Colgate Schuster
at 206-553-1815 or
schuster.cindy@epa.gov.

Barge-mounted equipment is pulling piles at Lockheed.





A new bulkhead will stabilize the shoreline at Lockheed and protect the cleanup.

Large cranes are demolishing four Lockheed piers, including 7000 piles.



What's Happening at Todd?

- Shops and utilities are being relocated so that cleanup work can begin.
- Three piers, including 3000 piles, will be removed.
- Todd will install a new system to control sources of pollution coming from storm water runoff and ship repair operations. This source control work is expected to be completed in December 2003.
- Dredging of 200,000 cubic yards of contaminated sediment will start during the following the construction season, in August 2004. The sediment will go to an approved upland landfill.
- Contaminated sediment under the remaining piers will be capped.
- Todd projects that all cleanup work will be completed by February 2006.

Background

Harbor Island lies at the mouth of the Lower Duwamish Waterway, on the southern edge of Elliott Bay, in Seattle, Washington. The island was constructed between 1903 and 1905 from sediment dredged from the Duwamish River to create the East and West Waterways and the navigational channel of the Lower Duwamish Waterway. The island has been used for shipbuilding and maintenance, lead smelting, and other industrial work.

In 1983, after finding hazardous substances in soils on the island and in sediments near the island, EPA added Harbor Island to its National Priorities List of sites targeted for further investigation and cleanup under EPA's Superfund program.

For investigation and cleanup purposes, EPA divided the site into units, including the Todd Shipyard and Lockheed Shipyard sediment units. Shipbuilding and ship repair at Todd and Lockheed had released wastes and hazardous substances that contaminated sediment next to the shipyards. The contaminants included marine paint additives such as arsenic, copper, lead, mercury, tributyltin, and zinc.

EPA's November 1996 Record of Decision documented the overall cleanup plan for the contaminated shipyard sediment, which included dredging shipyard waste, and dredging and capping contaminated sediment. Later EPA documents added details about removing piers; dredging, capping, and disposing of sediment; and maintaining the shipyard sediment units after cleanup.

In June and July 2003, a 30-day public comment period was held on legal agreements for cleaning up the Lockheed and Todd sediment. No public comments were received, so the agreements became effective in late July.

Need More Information?

Detailed information about the Todd and Lockheed Shipyards sediment cleanups and the entire Harbor Island site is available at the following location:

U.S. EPA Region 10
Superfund Records Center
1200 Sixth Avenue
Seattle, Washington 98101
Please call (206) 553-4494 for an appointment.

Some Harbor Island site documents are available on the EPA Region 10 web site:
<http://www.epa.gov/r10earth/>
Click on "Index," then "H," and then "Harbor Island Lead."

Questions?

If you have questions about the Harbor Island cleanup, please contact one of the following persons:

General Information:
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Community Involvement Coordinator
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Shipyard Sediment:
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For people with disabilities: please call Cindy Schuster to request reasonable accommodations. For TTY users: please call 1-800-977-8339 and give the operator Cindy Schuster's phone number.



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